



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

An account of the cutting out the Cæcum of a Bitch by the Ingenious William Muſgrave LL. B. Student in Phyſick, and Fellow of New-College Oxon.

THe uſe of the *Cæcum* being ſtill a *Deſideratum* in Anatomy, I thought it worth my while to try, what light the *cutting out* of that part, might afford us, in a matter ſo obſcure : In my firſt experiment of this kind (which was in the Eaſter-week 1683.) my hopes were ſoon defeated, by the death of the Dog, two days after the Operation ; but being more ſucceſſful in a ſecond attempt, I will now (according to your deſire) give you an account of it :

April 1683. I took a Bitch, of about a year old, and open'd the *Abdomen*, on the right ſide, in the *Regio Iliaca*, paſſing my knife thro the *Muſculus oblique aſcendens*, and by the ſide of the *Muſculus Rectus* ; having found the *Cæcum*, I immediately put up the other guts again into the *Abdomen*, after which I ſeparated the *Cæcum* from the *Ileum*, cutting the membrane which binds part of the former to the latter ; then, having made a ligature on the artery which comes to the *Cæcum*, I made three, or four prick-ſeams thro the ſides of the *Cæcum*, at the farther end of it, where it is continued to the *Rectum*, and by thus ſowing the ſides together, ſtopt the paſſage of the *Fæces* that way ; after this I cutt off the *Cæcum* about $\frac{1}{4}$ of an inch from the ſitches, and ſowed together the new made lips, entring my needle alwais on the inſide and paſſing it thro the outer membrane, that ſo the lips might the better touch edgewaiſ, and grow together, the wounds being ſowed up, and the Bitch tied away, milk is ſet before her, of which ſhe lapt a ſmall quantity the next morning, and by degrees recovered, ſo that in three weeks ſhe ſeemed as well as ever ; in a little time (running up and down in the College) ſhe grew fat, and proud, and the laſt ſummer brought a litter of Whelps : In four moneths obſervation I could not perceive any ſuch alteration in her, as might reaſonably be imputed to the loſs of the *Cæcum*.

Sept. 19. 1683. I cauſed her to be hangd, and open'd her a ſecond time ; Dr. *Pitt.* our Learned Profeſſor of *Anatomy*, was pleaſed to oblige me with his company ; we found a great part of the *Omentum* ly in a heap on the right ſide ; it had not recovered its natural poſture, ſince it was put up with the guts at the firſt opening ; the edges of the wound were well grown together ; in ſhort, we did not find any thing that ſeemed to intimate the leaſt want, or ſupply the place of the *Cæcum*.

Succincla